

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022119\
 Data File : VN053891.D
 Acq On : 21 Feb 2019 14:43
 Operator : JC/SP
 Sample : K1344-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-022019-A

Quant Time: Feb 22 01:32:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 21 03:36:07 2019
 Response via : Initial Calibration

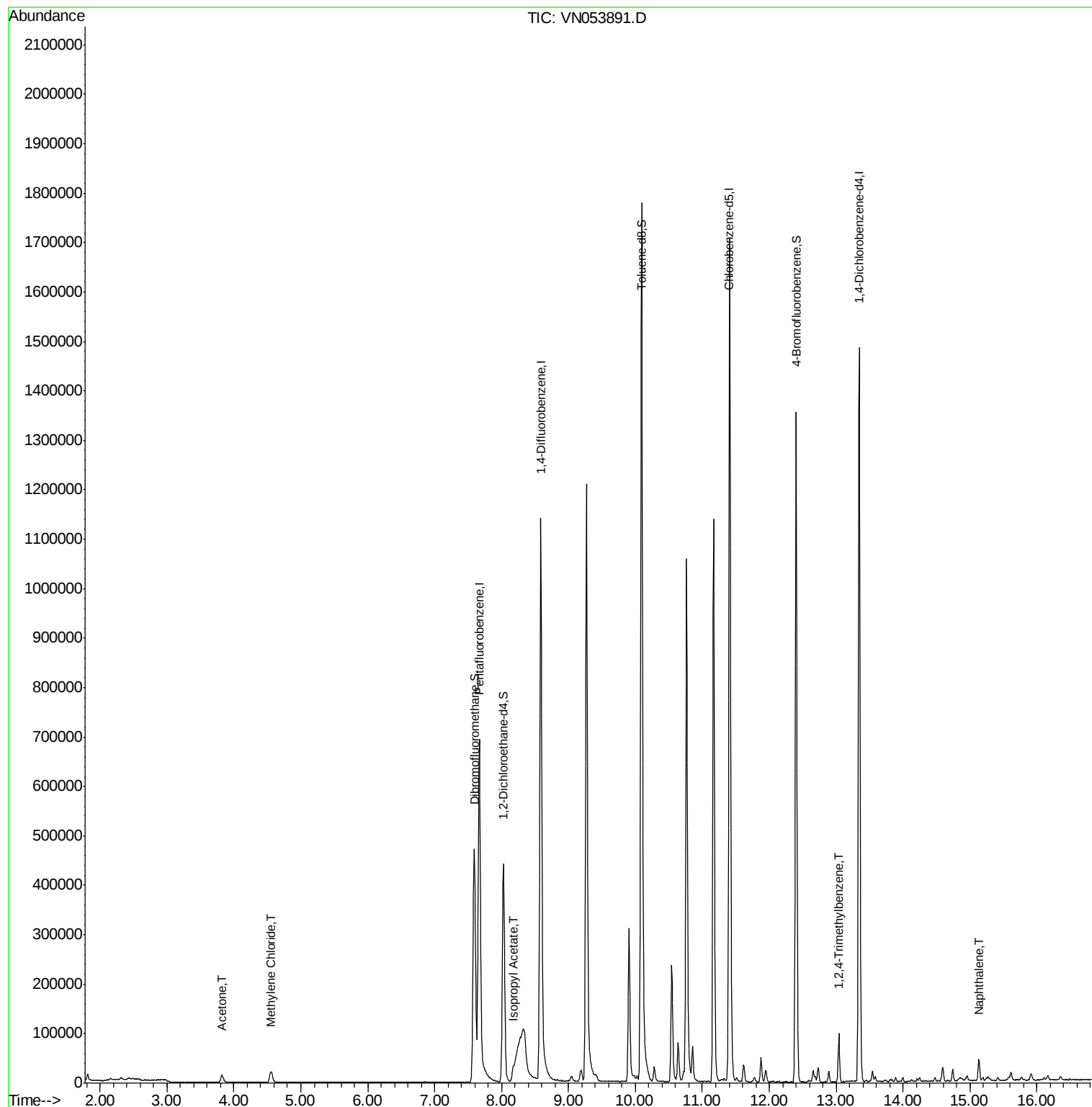
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	672130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1194494	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1133411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	443211	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	372838	54.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.56%	
35) Dibromofluoromethane	7.59	113	378941	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
50) Toluene-d8	10.09	98	1454902	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	12.40	95	478388	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
Target Compounds						
16) Acetone	3.82	43	26434	13.993	ug/l	99
20) Methylene Chloride	4.56	84	18354	2.595	ug/l	95
43) Isopropyl Acetate	8.17	43	33079	2.832	ug/l #	87
84) 1,2,4-Trimethylbenzene	13.04	105	55745	2.145	ug/l	99
95) Naphthalene	15.13	128	40014	6.678	ug/l	98

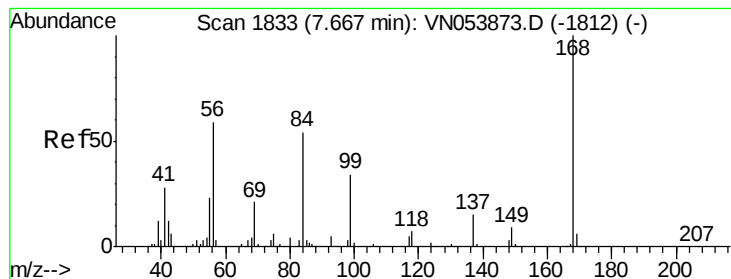
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022119\
Data File : VN053891.D
Acq On : 21 Feb 2019 14:43
Operator : JC/SP
Sample : K1344-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-A

Quant Time: Feb 22 01:32:04 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N022019W.M
Quant Title : SW846 8260
QLast Update : Thu Feb 21 03:36:07 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

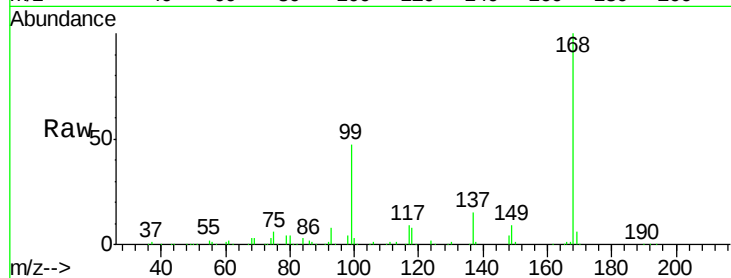
NB-07-022019-A

Tot Ion:168 Resp: 672130

Ion Ratio Lower Upper

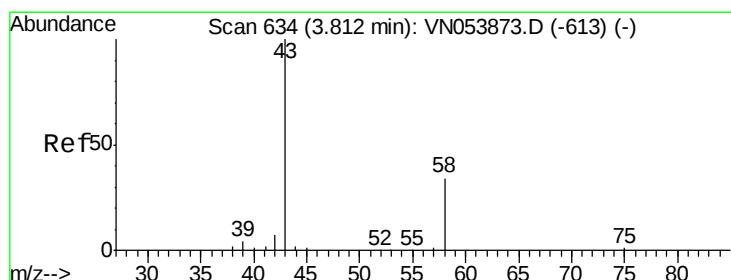
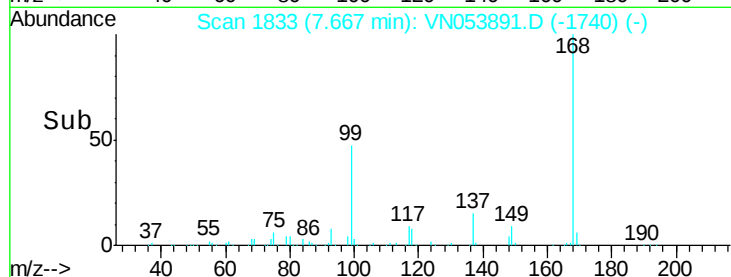
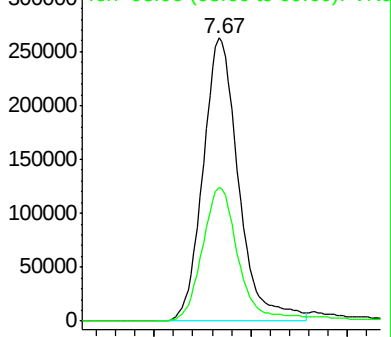
168 100

99 47.4 36.9 55.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#16

Acetone

Concen: 13.993 ug/l

RT: 3.82 min Scan# 637

Delta R.T. 0.01 min

Lab File: VN053891.D

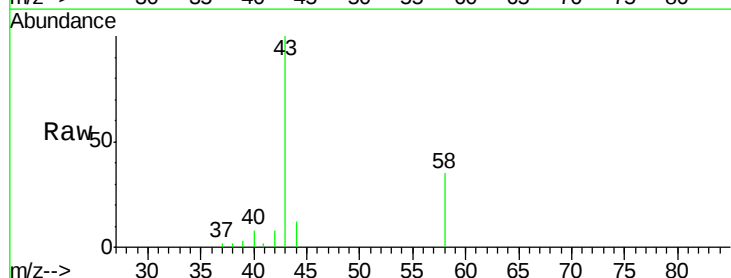
Acq: 21 Feb 2019 14:43

Tgt Ion: 43 Resp: 26434

Ion Ratio Lower Upper

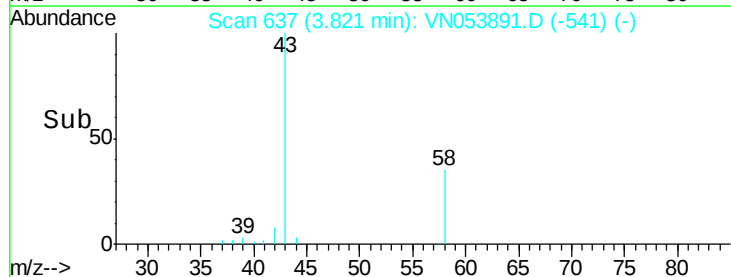
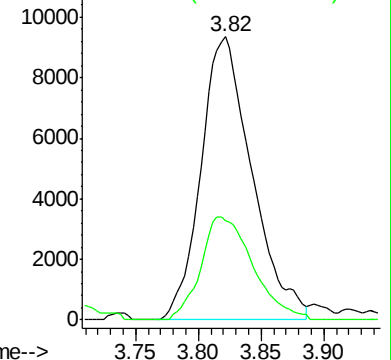
43 100

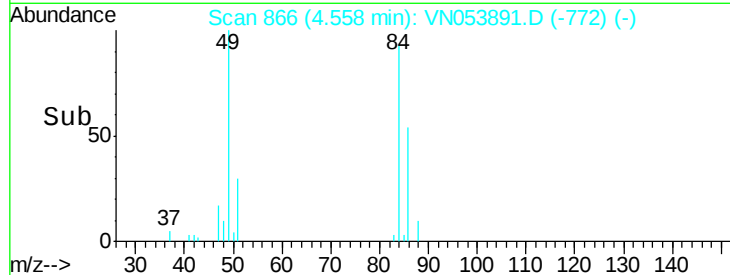
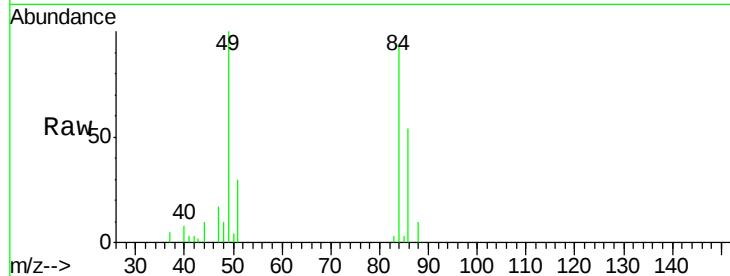
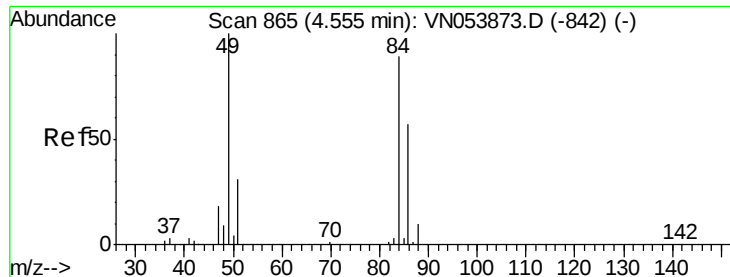
58 34.9 27.6 41.4



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

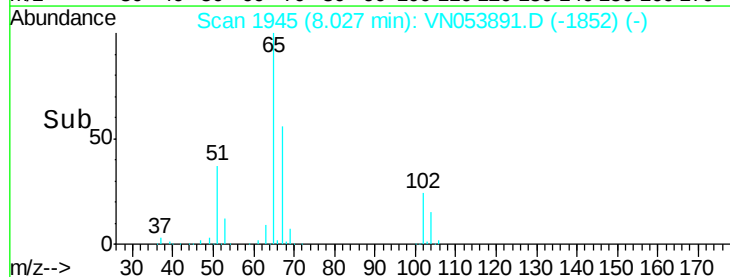
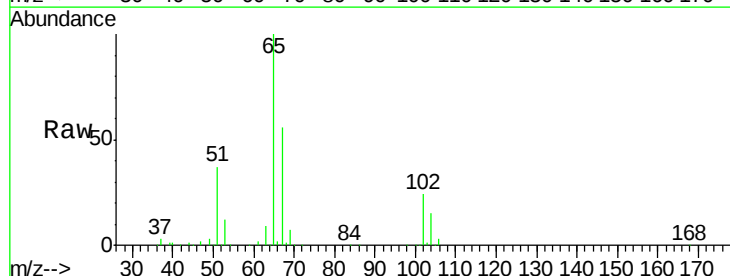
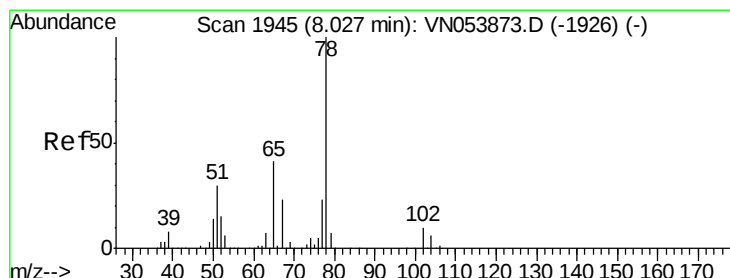
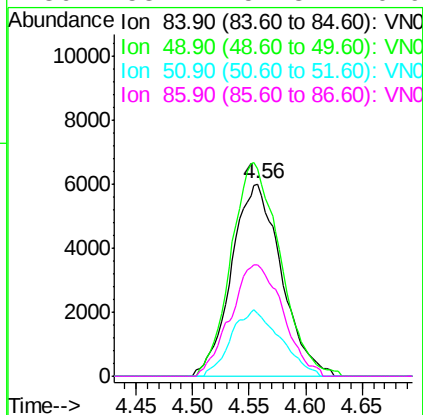




#20
Methvlene Chloride
Concen: 2.595 ug/l
RT: 4.56 min Scan# 866
Delta R.T. 0.00 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

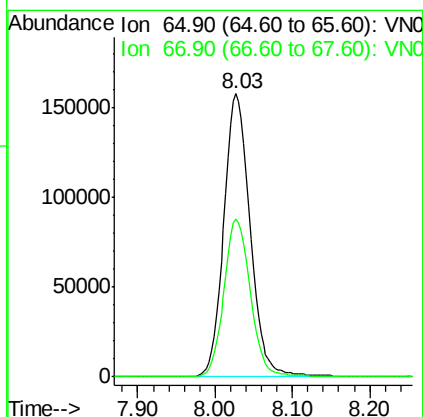
Instrument :
MSVOA_N
ClientSampleId :
NB-07-022019-A

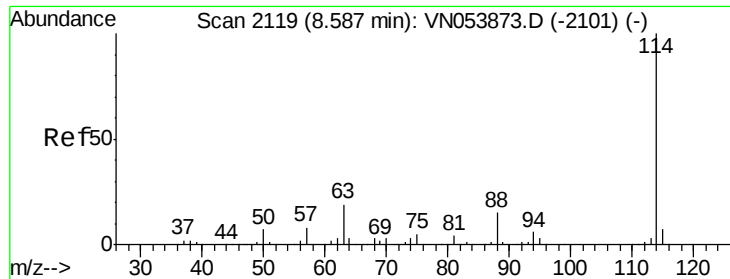
Tot Ion:	84	Resp:	18354
Ion	Ratio	Lower	Upper
84	100		
49	108.0	89.7	134.5
51	32.9	27.8	41.8
86	58.2	51.3	76.9



#33
1,2-Dichloroethane-d4
Concen: 54.278 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN053891.D
Acq: 21 Feb 2019 14:43

Tgt Ion:	65	Resp:	372838
Ion	Ratio	Lower	Upper
65	100		
67	55.7	0.0	111.8

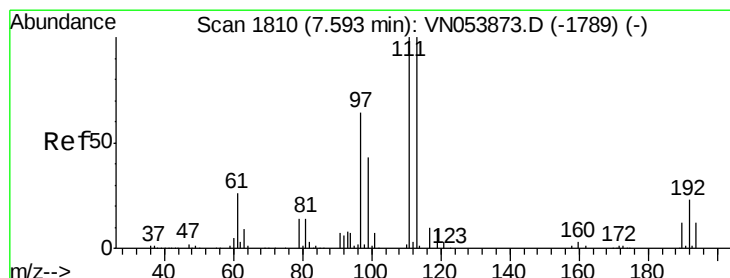
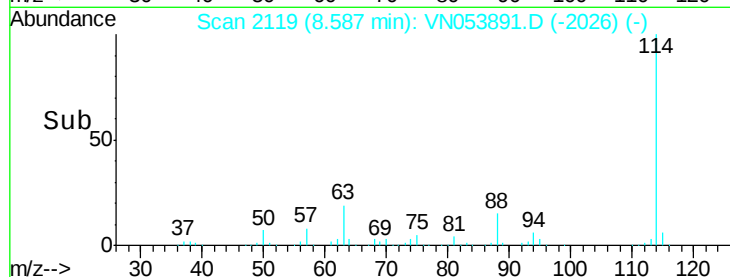
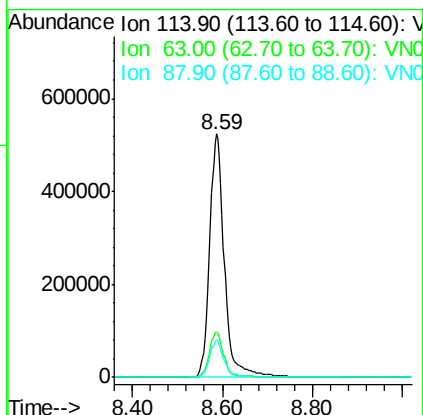
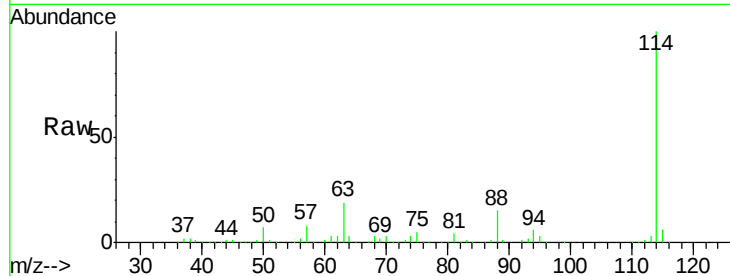




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN053891.D
 Acq: 21 Feb 2019 14:43

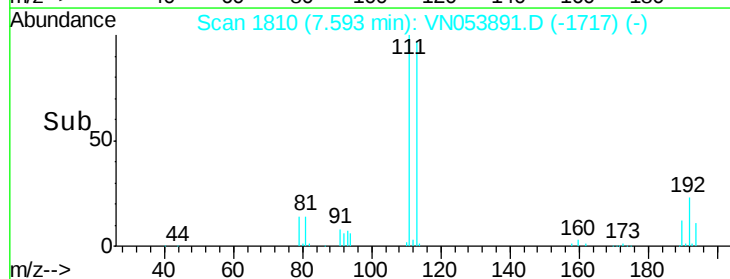
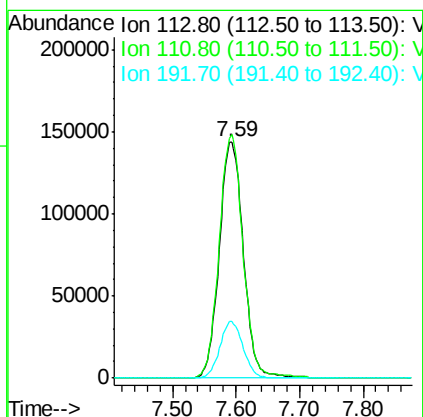
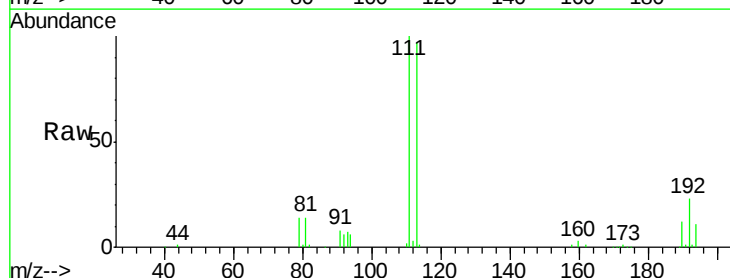
Instrument :
 MSVOA_N
 ClientSampleId :
 NB-07-022019-A

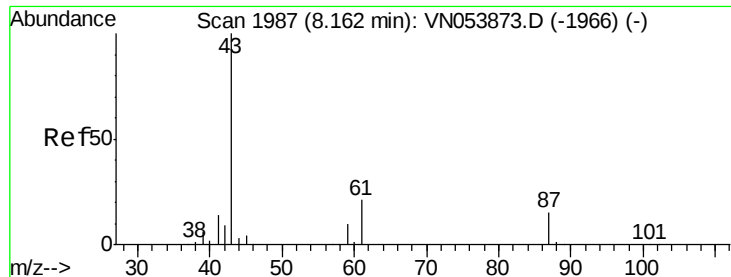
Tot Ion:114 Resp: 1194494
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 37.4
 88 15.3 0.0 30.4



#35
 Dibromofluoromethane
 Concen: 48.339 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. -0.00 min
 Lab File: VN053891.D
 Acq: 21 Feb 2019 14:43

Tgt Ion:113 Resp: 378941
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.1 121.7
 192 23.2 18.8 28.2





#43

Isopropyl Acetate

Concen: 2.832 ug/l

RT: 8.17 min Scan# 1990

Delta R.T. 0.01 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

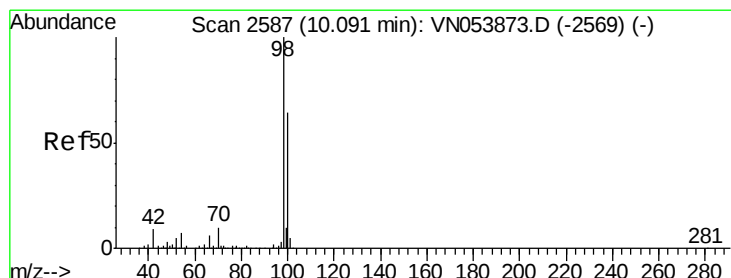
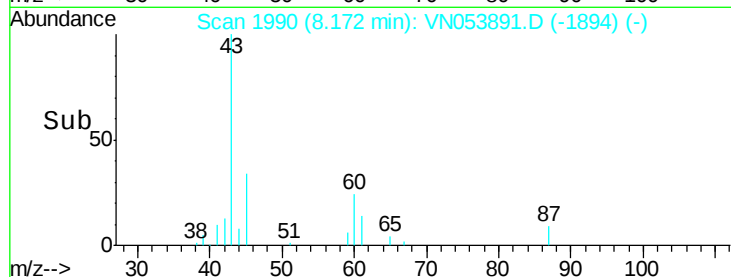
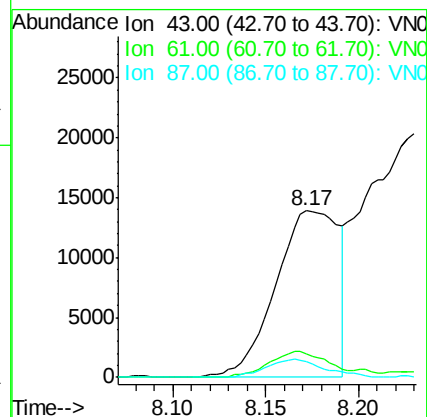
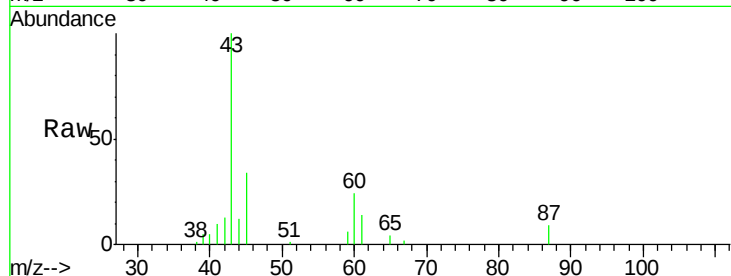
Tot Ion: 43 Resp: 33079

Ion Ratio Lower Upper

43 100

61 14.6 17.4 26.0#

87 9.9 11.5 17.3#



#50

Toluene-d8

Concen: 51.386 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN053891.D

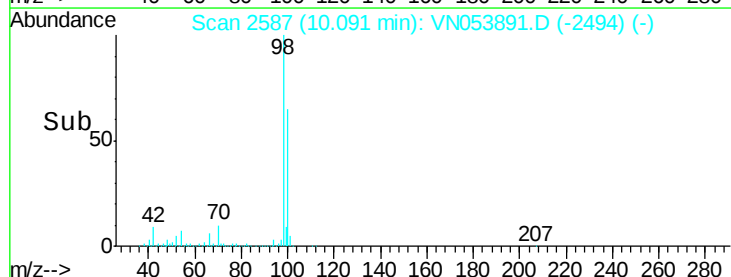
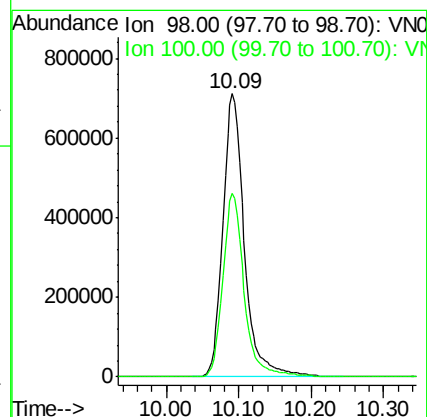
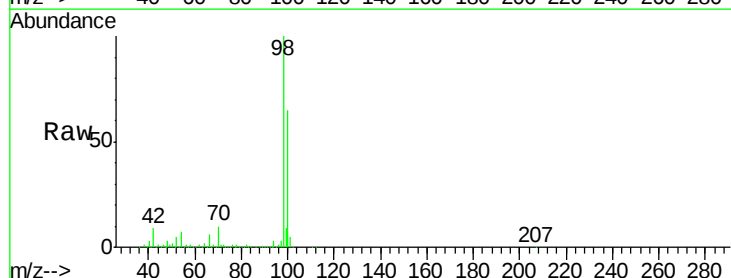
Acq: 21 Feb 2019 14:43

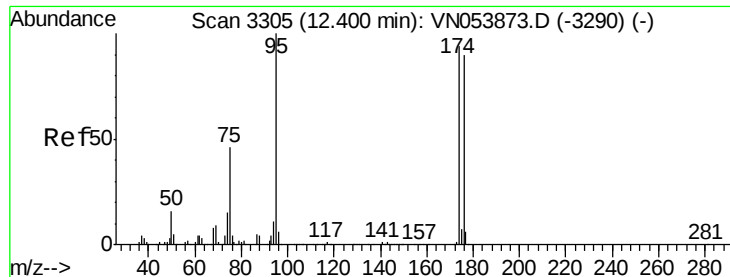
Tgt Ion: 98 Resp: 1454902

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 51.179 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

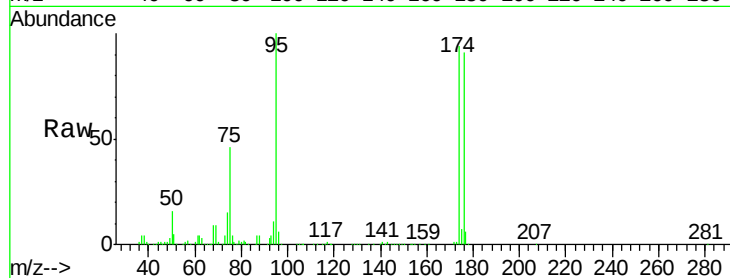
Tot Ion: 95 Resp: 478388

Ion Ratio Lower Upper

95 100

174 95.2 0.0 188.8

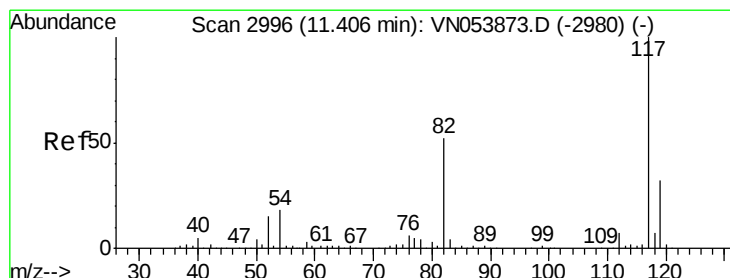
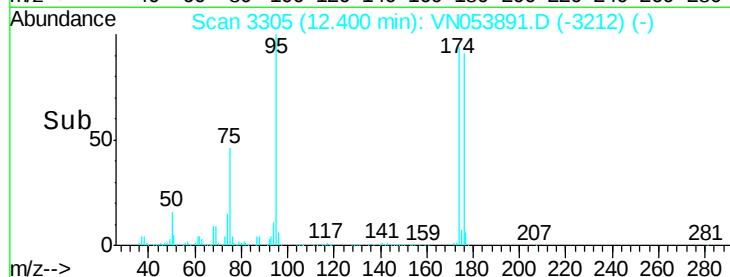
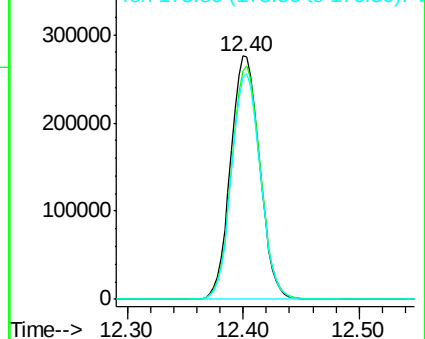
176 91.9 0.0 182.6



Abundance Ion 94.90 (94.60 to 95.60): VN053891.D (-3212) (-)

Ion 173.80 (173.50 to 174.50): VN053891.D (-3212) (-)

Ion 175.80 (175.50 to 176.50): VN053891.D (-3212) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

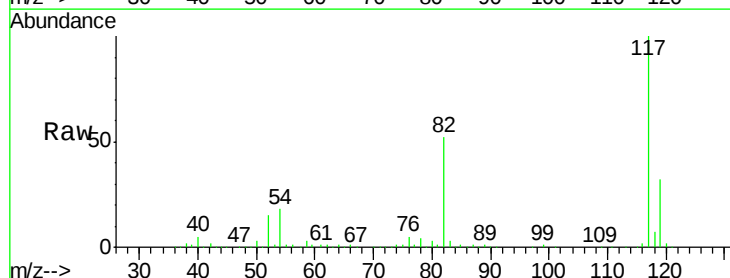
Tgt Ion: 117 Resp: 1133411

Ion Ratio Lower Upper

117 100

82 52.1 41.4 62.2

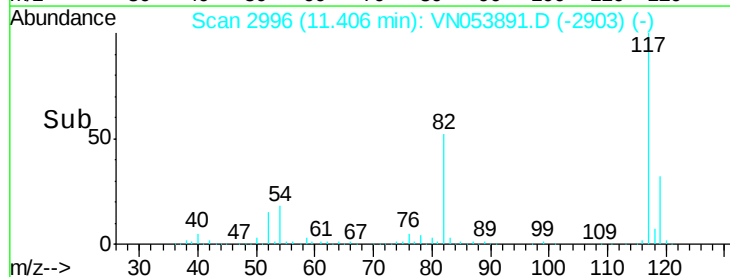
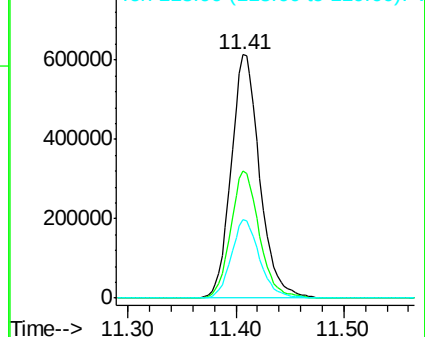
119 32.0 25.3 37.9

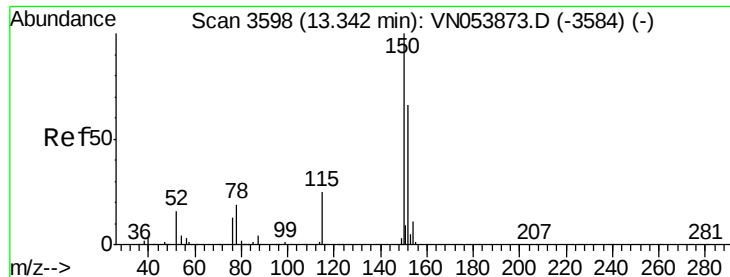


Abundance Ion 116.90 (116.60 to 117.60): VN053891.D (-2903) (-)

Ion 82.00 (81.70 to 82.70): VN053891.D (-2903) (-)

Ion 118.90 (118.60 to 119.60): VN053891.D (-2903) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3599

Delta R.T. 0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

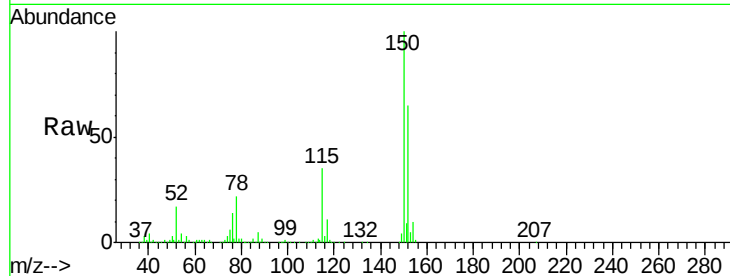
Tot Ion:152 Resp: 443211

Ion Ratio Lower Upper

152 100

115 55.2 27.2 81.6

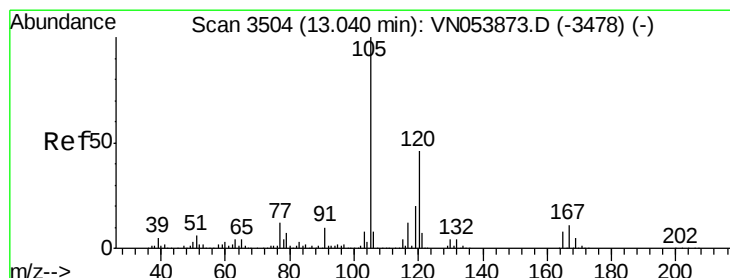
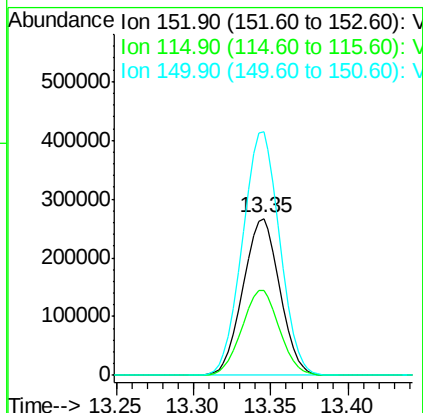
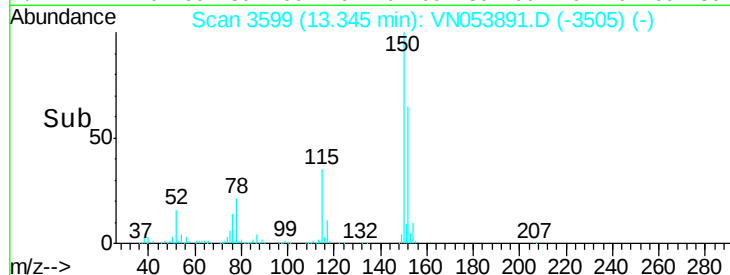
150 157.2 0.0 348.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#84

1,2,4-Trimethylbenzene

Concen: 2.145 ug/l

RT: 13.04 min Scan# 3504

Delta R.T. -0.00 min

Lab File: VN053891.D

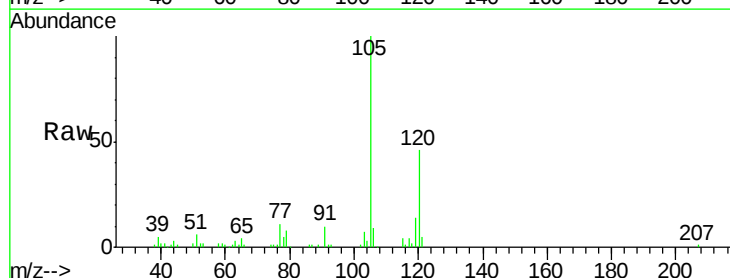
Acq: 21 Feb 2019 14:43

Tgt Ion:105 Resp: 55745

Ion Ratio Lower Upper

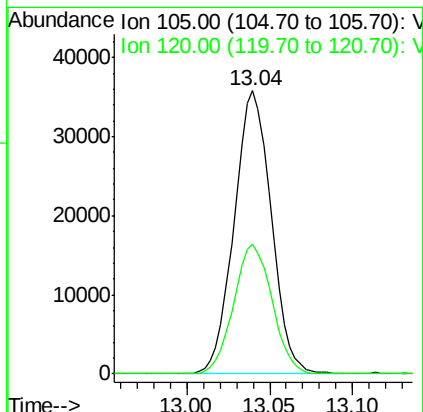
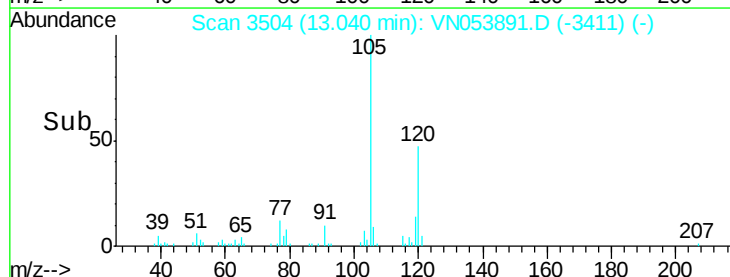
105 100

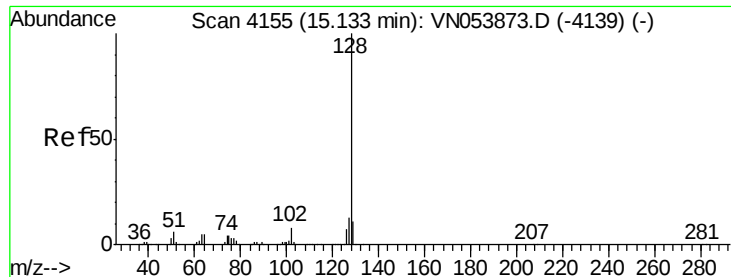
120 47.1 23.2 69.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#95

Naphthalene

Concen: 6.678 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN053891.D

Acq: 21 Feb 2019 14:43

Instrument :

MSVOA_N

ClientSampleId :

NB-07-022019-A

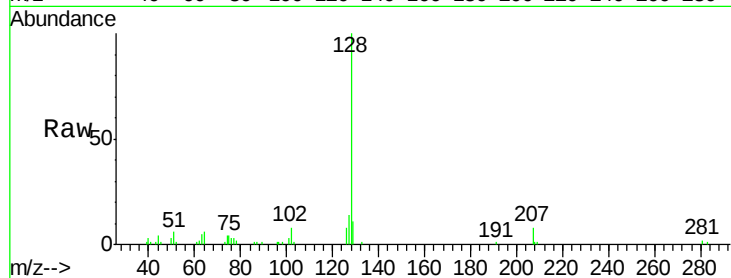
Tot Ion:128 Resp: 40014

Ion Ratio Lower Upper

128 100

127 13.7 10.2 15.2

129 10.6 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

